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PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Our Case No. 05-583)

In re Application of:)
Gicquel, et al.)
Serial No.: 10/541970) Examiner: TBD
Filed: July 11, 2005) Group Art Unit: TBD
For: High-Speed Diamond Growth Using a)
Microwave Plasma in Pulsed Mode)

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In regard to the above identified application.

1. We are transmitting herewith the attached:
 - a) U.S. PTO 1449 Form
 - b) Copies of 11 references; and
 - c) Return Postcard.
2. With respect to fees:
 - a) No fees are due at the present time.
 - b) General Authorization: Please charge any underpayment or credit any overpayment our Deposit Account No. 13-2490.
3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 23rd day of March, 2006.

Date: March 23, 2006

Respectfully submitted,

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Registration No. 50,494

FORM PTO-1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

Serial No.

05-583

10/541,970

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Gicquel, et al.

Filing Date:

July 11, 2005

Group:

TBD

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	6,200,183 B1	March 13, 2001	Badzian, et al.	445	24	
	2.	6,261,424 B1	July 17, 2001	Goncharenko, et al.	204	192.38	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No	
	3.	0 582 397 A2	July 16, 1993	EP				
	4.	0 635 584 A1	July 14, 1994	EP				
	5.	WO 01/96633 A1	June 14, 2001	PCT				
	6.	WO 01/96634 A1	June 14, 2001	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	7.	Gicquel, et al., <i>Journal of Applied Physics</i> , June 15, 1998, Vol. 83, No. 12, pp. 7504-7521.
	8.	Gicquel, et al., <i>Materials Research</i> , 2003, Vol. 6, No. 1 pp. 25-37.
	9.	Gordon, et al., <i>Journal of Applied Physics</i> , February 1, 2001, Vol. 89, No. 3, pp. 1544-1549.
	10.	Hassouni, et al., <i>Plasma Sources Science and Technology</i> , 2001, Vol. 10, pp. 61-75.
	11.	Lombardi, et al., <i>Journal of the Electrochemical Society</i> , 2003, Vol. 150, No. 5, pp. C311-C319.
	12.	Lombardi, et al., "Diagnostics and Modeling of Moderate Pressure Microwave H ₂ /CH ₄ Plasmas Obtained Under Pulsed Mode" paper, 2001.
	13.	Silva, et al., <i>Diamond and Related Materials</i> , 1996, Vol. 5, pp. 338-344.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.